

KEOGH, Diane Underwood B Bus, USQ Qld

Thesis Title:

Development of a particle number and particle mass emissions inventory for an urban fleet: a study in South-East Queensland

Supervisors:

Professor Lidia Morawska (Principal)

Professor Luis Ferreira (Associate)

Dr. Zoran Ristovski (Associate)

Citation:

This project developed the first comprehensive inventory of motor vehicle tailpipe particle emissions for a vehicle fleet for particle number (ultrafine particles) and different subsets of particle mass. The method developed is suitable for quantifying motor vehicle fleet emissions in developed countries. Dr. Keogh also investigated the suitability of current ambient mass air quality standards for controlling combustion sources, such as motor vehicles.